DEPARTMENT OF TOXIC SUBSTANCES CONTROL
WEEK PROJECT UPDATE
ZENECA/FORMER STAUFFER CHEMICAL
Richmond, California
Activities for January 3 to 7, 2005

Correspondence

- No correspondence was prepared this week.

Reports

- No reports were submitted for review.

Site Activities

- DTSC staff was present at the site Monday through Friday from approximately 8:00 AM to 5:00 PM. DTSC staff observed the loading and decontamination of trucks off-hauling the marsh sediments from the Upland Stockpile area and monitored site conditions in the Upland Area. Staff also conducted air monitoring and added hydrogen sulfide monitoring at noon on January 4.
- The lime treatment of the non-hazardous marsh sediments in the Upland Stockpile area has been completed. Approximately 6,500 tons of these sediments were hauled off-site and disposed at Keller Canyon Landfill and Altamont Landfill.
- With the approval of the Regional Water Quality Control Board (Water Board), backfill material to be used in the marshes is being brought from the neighboring UC Richmond Field Station stockpile.
- A second truck decontamination area is being constructed to the south of Building 240. Trucks used to off-haul sediments from the Freshwater Lagoons will primarily use this area.
- Under the oversight of the Water Board, sediments from the marsh were excavated and stockpiled in the sediment staging area, located within the Habitat Enhancement Area. Solidification of the stockpiled sediments with lime also occurred under the Water Board's oversight.
- DTSC ordered that solidification of the marsh sediments with lime cease on Friday, January 7 due to high winds. If the high winds continue throughout the weekend, no solidification with lime will be allowed.
- DTSC is closely monitoring truck traffic after receiving a complaint about trucks using the Bay View exit and parking on Meade Street. DTSC has discussed these problems with Cherokee Simeon Venture (CSV) representatives and truck drivers have been reminded to remain on the approved truck routes. Any driver found to be disregarding these directions more than one time will not be allowed to return to the site.
- On Wednesday, January 5, an excavator became stuck in the marsh mud. This incident did not impact DTSC's activities and is not within DTSC's jurisdiction.

Air Monitoring

- CSV has added a new air monitoring station at the southwest corner of the Site. This station is currently monitoring for VOCs, pesticides, and hydrogen sulfide.

Total dust particulates and metals will be added as soon as an electrical generator is obtained.

- Results of the range of real-time air monitoring for January 3-6 conducted by both CSV and DTSC are as follows:

    - Hydrogen Sulfide Monitoring Results
      action level = 0.03 ppm
      CSV Measurement: 0.000 to 1.8 ppm
      Note: The 1.8 ppm reading was recorded at 4:10 PM on January 6 and occurred in the marsh area adjacent to the bay trail. The peak was a solitary spike and a subsequent reading taken immediately thereafter in the same area detected a concentration of 2 parts per billion. The work practices being carried out by the construction contractor were examined, and a as stated above, the second reading taken immediately after was 2 ppm. All other readings between 4:02 and 4:20 were equal to 5 parts per billion or below at all work area monitoring sites.
      DTSC Measurement: 0.001 to 0.007 ppm
    - Volatile Organic Compounds Monitoring Results
      action level = 1 ppm
      CSV Measurements: 0.0 to 0.2 ppm
      DTSC Measurement: 0.0 to 1.9 ppm
      Note: DTSC suspects elevated readings may be due to equipment calibration problems and is evaluating the possible explanations.
    - Total Dust Monitoring Results
      0.5 mg/m^3 [5 minute average] = stop work
      CSV Instantaneous Measurements (both stationary monitoring locations and roaming locations): 0.000 to 0.150 mg/m^3
      DTSC Instantaneous Measurement: 0.009 to 0.084

Public Participation

- DTSC continues to talk with the interested community and to respond to telephone inquiries placed to DTSC.
- DTSC continues to work with Assemblywoman Hancock's office regarding information about work at the Site.
- The Zeneca/former Stauffer Chemical web site continues to be updated. The web site is http://www.dtsc.ca.gov/SiteCleanup/Zeneca/index.html
- Weekly Project Updates, correspondence and other project documents are posted to the web site as they become available.